

Converting Colors

YIQ(225.4540, 44.6150,
-21.1210)

Have a look what the booklet for
YIQ(225.4540, 44.6150, -21.1210)
contains.

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Color

**YIQ(225.4540, 44.6150,
-21.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE38C
RGB	255, 227, 140
RGB Percent	100%, 89%, 55%
CMY	0.0000, 0.1098, 0.4507
CMYK	0.00, 0.11, 0.45, 0.00
HSL	45°, 100%, 77%
HSV	45°, 45%, 100%
XYZ	73.4440, 78.0869, 36.0364
YIQ	225.4540, 44.6150, -21.1210

Conversions

Conversions Part 2

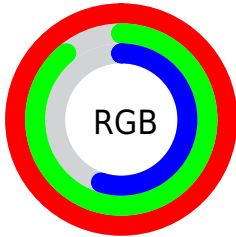
Format	Color
R _Y B	177, 255, 140
Decimal	16769932
CIE Lab	90.82, -1.61, 45.83
CIE LCh	91, 45.857, 92.010
Yxy	78.0869, 0.3916, 0.4163
Android (android.graphics.Color)	4294960012 (0xFFFFE38C)
YUV	225.4540, -42.1288, 25.9118
Hunter-Lab	88.3668, -6.2857, 37.6780

Details

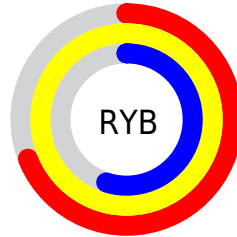
The YIQ color **225.4540, 44.6150, -21.1210** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **169.5460, -44.6150, 21.1210**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1600, 19.2600, -18.6600**, and **169.6000, 41.2680, -21.0360** is the 20% darker color. If you saturate the color by 10%, you get **219.0820, 54.2900, -25.7580**, and if you desaturate by 10%, it is **231.9400, 34.6190, -16.1730**.

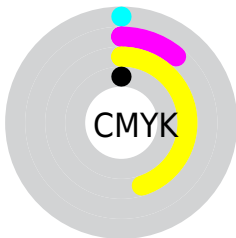
Distribution



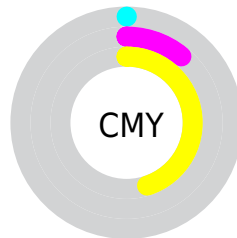
- Red (100%)
- Green (89%)
- Blue (55%)



- Red (69%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.4540, 44.6150, -21.1210 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 225.4540, 44.6150, -21.1210 by changing the saturation by 10% instead.

225.4540, 44.6150,
-21.1210

225.4540, 44.6150,
-21.1210

255.0000, -0.0000,
-0.0000

197.0840, 42.7810,
-20.9230

248.1600, 19.2600,
-18.6600

169.6000, 41.2680,
-21.0360

251.3520, 10.2720,
-9.9520

142.5290, 40.0300,
-20.6260

254.6580, 0.9630,
-0.9330

116.6320, 38.2420,
-21.2620

90.4640, 38.6550,
-23.2410

67.9780, 31.4560,
-19.4240

47.5890, 22.6060,

-13.2180

■ 27.7870, 13.4810,
-7.5350

■ 2.3480, -1.1000,
-2.0920

■ 225.4540, 44.6150,
-21.1210

■ 225.4540, 44.6150,
-21.1210

■ 219.0820, 54.2900,
-25.7580

■ 231.9400, 34.6190,
-16.1730

■ 212.5960, 64.2860,
-30.7060

■ 238.3120, 24.9440,
-11.5360

■ 205.6370, 74.2360,
-34.8200

■ 245.3850, 14.6730,
-7.1110

■ 199.1510, 84.2320,
-39.7680

■ 251.7570, 4.9980,
-2.4740

■ 192.7790, 93.9070, 255.0000, -0.0000,
-44.4050 -0.0000

■ 189.5360, 98.9050,
-46.8790

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.0170, 44.8880, -9.5440



225.4540, 44.6150, -21.1210



220.8130, 9.4510, -33.6290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.4540, 44.6150, -21.1210



191.0580, -121.6760, -41.5800



223.8890, 14.5750, 27.7190

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



225.4540, 44.6150, -21.1210



169.5460, -44.6150, 21.1210

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.0240, 0.5930, 16.7930



225.4540, 44.6150, -21.1210



200.7030, -92.3350, -28.1670

Square

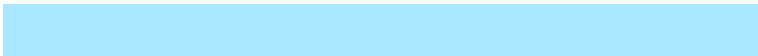
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.4540, 44.6150, -21.1210



203.1470, -85.3180, -39.7020



216.0840, -44.3350, -5.9910



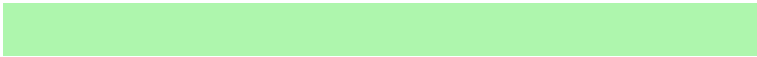
216.5880, 25.4880, 22.6720

Rectangle

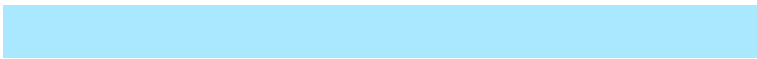
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.4540, 44.6150, -21.1210



216.1500, -19.4790, -37.9670



216.0840, -44.3350, -5.9910



226.2370, 13.4750, 25.6270

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



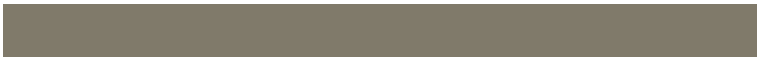
225.4540, 44.6150, -21.1210



245.6130, 14.0310, -6.4890



177.6910, 59.2310, 33.3990



121.9700, 8.7120, -3.7040



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.4540, 44.6150, -21.1210



219.3100, 53.6480, -25.1360



233.2190, 19.6310, -41.9130



124.1700, 5.2730, -1.9510



142.2240, 73.9610, -35.3430



47.3120, 24.9440, -11.5360

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



169.5460, -44.6150, 21.1210



152.6900, -53.6480, 25.1360



161.7810, -19.6310, 41.9130



118.2430, -4.9980, 2.4740



49.3630, -74.2360, 34.8200



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 225.4540, 44.6150, -21.1210 looks on a white background.

Color Contrast Check

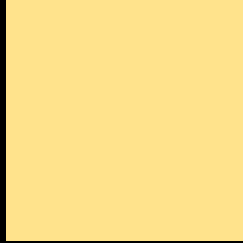
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 225.4540, 44.6150, -21.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.4540, 44.6150, -21.1210

Background



This preview shows how black text looks on a background with the YIQ color 225.4540, 44.6150, -21.1210.



This preview shows how white text looks on a background with the YIQ color 225.4540, 44.6150,

-21.1210.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

225.4540, 44.6150, -21.1210

Protanopia

225.2470, 40.7640, -22.9160

Deuteranopia

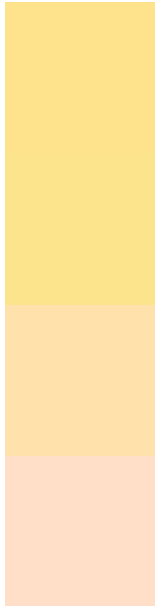
229.3930, 29.3900, -4.0020



Tritanopia

231.8330, 17.0080, 11.1520

Trichromacy



Original Color

225.4540, 44.6150, -21.1210

Protanomaly

225.2580, 42.2310, -21.9690

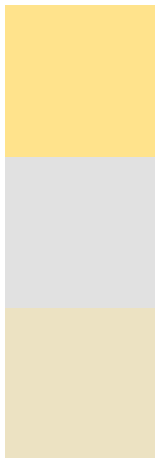
Deuteranomaly

227.9280, 34.8930, -10.1230

Tritanomaly

229.8320, 26.7760, -0.6800

Monochromacy



Original Color

225.4540, 44.6150, -21.1210

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.3420, 16.2320, -7.8320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.4540, 44.6150, -21.1210 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 227, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 227, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 140) }
```

Border

The CSS property to change the border of an element to YIQ 225.4540, 44.6150, -21.1210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 227, 140) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 227, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 227, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 225.4540, 44.6150, -21.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
227, 140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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